

Muhammad Azmat, RE

Test Performed By:

Dr. /Engr.

Wasim Abbas

NESPAK-Turkpak JV Lhr.(Reconstruction of Lady Willingdon Hospital,Lahore)

Client Reference: 4729/13/MA/04/114

SOM Lab

Ref:

116 (Page-1/1)

Dated: 29-10-2024

Dated:

30-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.498	6	0.748	0.44	0.440	14.63	19.47	73320	73320	97590	97590	1.20	8.0	15.0	
2	1.498	6	0.748	0.44	0.440	14.90	19.57	74700	74700	98100	98100	1.10	8.0	13.8	
3	0.651	4	0.493	0.20	0.191	6.98	8.48	77000	80630	93530	97930	1.00	8.0	12.5	
4	0.667	4	0.500	0.20	0.196	6.78	8.12	74750	76280	89590	91420	0.90	8.0	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Muhammad Asif Bajwa,RE

Test Performed By: Dr. /Engr. Asad Ali Gillani

NESPAK NNS.(Restoration/Impro Of Sangla Hill To Pindi Bhattian Road in Distt Nankana Sahib)

Client Reference: 3811/103/RRPNS/AB/289

SOM Lab

Ref: 117(Page-1/1)

Dated: 25-10-2024

Dated: 30-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.671	4	0.501	0.20	0.197	6.63	10.09	73070	74180	111290	112980	1.20	8.0	15.0	
2	0.671	4	0.501	0.20	0.197	6.60	10.09	72730	73840	111290	112980	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Muhammad Construction Comp

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Building Contractors & Engineers.(Paramount Mill Redevelopment (Raiwind) Sapphire Fibers Ltd)

Client Reference: Nil

SOM Lab

Ref: 118-119 (Page-1/1)

Dated: Nil

Dated: 30-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.507	6	0.751	0.44	0.443	15.24	24.62	76390	75870	123390	122560	1.30	8.0	16.3	
2	1.506	6	0.751	0.44	0.443	14.90	24.33	74700	74200	121960	121140	1.40	8.0	17.5	
3	0.672	4	0.501	0.20	0.197	5.27	7.67	58120	59000	84530	85820	0.80	8.0	10.0	
4	0.670	4	0.501	0.20	0.197	5.07	7.75	55870	56720	85430	86730	0.90	8.0	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Naqeeb Ullah Shah, SDO B&R

Test Performed By:

Dr. /Engr. Asad Ali Gillani

GE(Army)-II Sialkot Cantt.(Const Of 1x256 Men SM BK No.01 3rd SIB HQ 30 IIBG at Lhr Cantt)

Client Reference: 600/71/B& R(P)

SOM Lab

Ref:

120 (Page-1/1)

Dated: 24-10-2024

Dated:

30-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.699	8	1.005	0.79	0.793	22.14	33.40	61810	61580	93260	92910	1.40	8.0	17.5	
2	2.707	8	1.007	0.79	0.796	22.22	33.30	62040	61570	92970	92270	1.20	8.0	15.0	
3	1.501	6	0.749	0.44	0.441	12.54	18.45	62850	62710	92480	92270	1.10	8.0	13.8	
4	1.503	6	0.750	0.44	0.442	13.15	19.22	65910	65620	96320	95880	1.20	8.0	15.0	
5	1.037	5	0.623	0.31	0.305	9.94	13.61	70710	71870	96820	98410	1.10	8.0	13.8	
6	1.045	5	0.625	0.31	0.307	9.60	13.61	68320	68990	96820	97760	1.10	8.0	13.8	
7	0.662	4	0.498	0.20	0.195	6.03	8.26	66550	68250	91050	93390	1.00	8.0	12.5	
8	0.669	4	0.501	0.20	0.197	7.05	9.09	77790	78970	100270	101800	1.00	8.0	12.5	
9	0.668	4	0.500	0.20	0.196	7.05	8.84	77790	79380	97460	99450	1.10	8.0	13.8	
10	0.669	4	0.501	0.20	0.197	6.42	7.85	70820	71900	86560	87870	1.20	8.0	15.0	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Fifteen Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 5	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Naqeeb Ullah Shah, SDO B&R

Test Performed By: Dr. /Engr. Asad Ali Gillani

GE(Army)-II Sialkot Cantt.(Const Of 1xStore,35 FF HQ 30 IIBG at Lhr Cantt)(M/S Malik Builders & Co)

Client Reference: 600/73/B& R(P)

SOM Lab

Ref: 121 (Page-1/1)

Dated: 24-10-2024

Dated: 30-10-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.514	6	0.753	0.44	0.445	13.99	18.67	70100	69320	93610	92560	1.30	8.0	16.3	
2	1.512	6	0.752	0.44	0.444	13.15	18.09	65910	65320	90690	89880	1.20	8.0	15.0	
3	1.038	5	0.623	0.31	0.305	9.65	13.63	68680	69810	96960	98550	1.10	8.0	13.8	
4	1.046	5	0.625	0.31	0.307	9.91	13.76	70490	71180	97910	98860	1.00	8.0	12.5	
5	0.674	4	0.502	0.20	0.198	5.96	7.95	65760	66430	87680	88570	1.10	8.0	13.8	
6	0.669	4	0.501	0.20	0.197	7.19	9.70	79250	80460	107010	108640	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 5	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Shoukat Sab
110-J Dream Garden Housing Scheme.

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

SOM Lab

Ref: 122(Page-1/1)

Dated: 29-10-2024

Dated: 30-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ittefaq Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.719	8	1.009	0.79	0.799	26.47	36.14	73910	73070	100880	99750	1.40	8.0	17.5	
2	1.498	6	0.748	0.44	0.440	14.12	18.40	70770	70770	92230	92230	1.20	8.0	15.0	
3	0.662	4	0.498	0.20	0.195	7.51	8.89	82850	84970	98020	100530	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Rameez

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE GIM Developers.(Dev of a Tower 51 New Garden Town Lahore Babar Block)

Client Reference: Nil

SOM Lab

Ref:

123(Page-1/1)

Dated: 30-10-2024

Dated:

30-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.623	8	0.991	0.79	0.771	22.29	35.22	62240	63770	98320	100750	1.20	8.0	15.0	Five Star
2	2.660	8	0.998	0.79	0.782	23.16	35.29	64660	65320	98520	99530	1.60	8.0	20.0	Five Star
3	1.487	6	0.746	0.44	0.437	15.80	21.66	79200	79740	108580	109320	1.00	8.0	12.5	Batala
4	1.489	6	0.747	0.44	0.438	15.82	21.61	79300	79660	108320	108820	1.20	8.0	15.0	Batala
5	0.663	4	0.498	0.20	0.195	5.86	8.89	64640	66290	98020	100530	1.20	8.0	15.0	Five Star
6	0.656	4	0.496	0.20	0.193	5.78	8.87	63740	66050	97800	101340	1.20	8.0	15.0	Five Star
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Naqeeb Ullah Shah, SDO B&R
 GE(Army)-II Sialkot Cantt.(Const Of 1xStore Block, 13 SR HQ 30 IIBG at Lhr Cantt)

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: 600/72/B& R(P)

SOM Lab

Ref: 124 (Page-1/1)

Dated: 24-10-2024

Dated: 30-10-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.505	6	0.750	0.44	0.442	13.99	18.78	70100	69790	94120	93690	1.20	8.0	15.0	
2	1.545	6	0.760	0.44	0.454	13.63	18.96	68320	66210	95040	92110	1.20	8.0	15.0	
3	0.998	5	0.611	0.31	0.293	9.25	12.74	65780	69600	90650	95910	1.20	8.0	15.0	
4	0.997	5	0.611	0.31	0.293	9.23	12.71	65630	69440	90440	95680	1.10	8.0	13.8	
5	0.651	4	0.493	0.20	0.191	6.27	8.07	69130	72390	89030	93220	1.10	8.0	13.8	
6	0.660	4	0.497	0.20	0.194	6.83	8.72	75320	77650	96110	99080	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 5	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Allied Bank

Test Performed By: Dr. /Engr. Asad Ali Gillani

Head Const Site. ABL-UML-P#199-200.(Const Of ABL Upper Mall Lahore Plot No 199,200)

Client Reference: ABL-UML-AMC-QAQC-95

SOM Lab

Ref: 125 (Page-1/1)

Dated: 30-10-2024

Dated: 30-10-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.698	8	1.005	0.79	0.793	27.62	36.41	77120	76830	101650	101270	1.30	8.0	16.3	
2	2.713	8	1.007	0.79	0.797	27.73	36.80	77410	76730	102730	101830	1.20	8.0	15.0	
3	1.493	6	0.748	0.44	0.439	14.27	18.62	71540	71700	93350	93560	1.20	8.0	15.0	
4	1.493	6	0.748	0.44	0.439	14.37	18.83	72050	72210	94370	94590	1.20	8.0	15.0	
5	1.025	5	0.619	0.31	0.301	9.96	13.15	70860	72970	93550	96350	1.50	8.0	18.8	
6	1.043	5	0.625	0.31	0.307	10.06	13.27	71580	72280	94420	95350	1.40	8.0	17.5	
7	0.665	4	0.498	0.20	0.195	6.39	8.26	70480	72290	91050	93390	1.10	8.0	13.8	
8	0.671	4	0.501	0.20	0.197	6.42	8.38	70820	71900	92400	93810	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Twelve Samples Received and Tested</p>
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 5	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Admin Manager

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RF Construction Lahore.(Plot No.24 Block Q Shah Alam Rd Johar Town Lahore)

Client Reference: 07/10/24/By Hand

SOM Lab

Ref:

126(Page-1/1)

Dated: 24-10-2024

Dated:

30-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.557	8	0.978	0.79	0.751	23.34	32.82	65170	68560	91640	96390	1.70	8.0	21.3	
2	2.567	8	0.980	0.79	0.754	23.24	32.82	64890	67980	91640	96010	1.70	8.0	21.3	
3	1.490	6	0.747	0.44	0.438	14.50	19.57	72660	72990	98100	98550	1.30	8.0	16.3	
4	1.490	6	0.747	0.44	0.438	13.99	19.37	70100	70420	97080	97520	1.40	8.0	17.5	
5	0.650	4	0.493	0.20	0.191	7.12	9.17	78460	82160	101170	105940	1.10	8.0	13.8	
6	0.651	4	0.493	0.20	0.191	6.78	8.84	74750	78280	97460	102050	0.90	8.0	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk